

Recombinant Full Length Human DPP3 Protein, Flag tagged

Cat. No. DPP3-01HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human dipeptidyl-peptidase 3 (DPP3), transcript variant 1 with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-737 aa
Description	This gene encodes a protein that is a member of the M49 family of metallopeptidases. This cytoplasmic protein binds a single zinc ion with its zinc-binding motif (HELLGH) and has post-proline dipeptidyl aminopeptidase activity, cleaving Xaa-Pro dipeptides from the N-termini of proteins. Increased activity of this protein is associated with endometrial and ovarian cancers. Alternatively spliced transcript variants have been found for this gene.
AASequence	MADTQYILPNDIGVSSLDCREAFRLLSPTERLYAYHLSRAAWYGGLAVLLQTSPEAP YIYALLSRLFRAQDPDQLRQHALAEGLTEEEYQAFLVYAAGVYSNMGNYSFGDTK FVPNLPKEKLERVILGSEAAQQHPEEVRGLWQTCGELMFSLEPRLRHLGLGKEGITT YFSGNCTMEDAKLAQDFLDSQNLSAYNTRLFKEVDGEGKPYEVRLASVLGSEPSL DSEVTSKLLKSYEFRGSPFQVTRGDYAPILQKVVEQLEKAKAYAANSHQGQMLAQYI ESFTQGSIEAHKRGRSFRWIQDKGPIVESYIGFIESYRDPFGSRGEFEGFVAVVNKAM SAKFERLVASAEQLLKELPWPPTFEKDKFLTPDFTSLDVLTFAGSGIPAGINIPNYDDL RQTEGFKNVSLGNVLAVAYATQREKLTFLLEDDKDLYILWKGPSFDVQVGLHELLGH

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GSGKLFVQDEKGFNFDQETVINPETGEQIQSWYRSGETWDSKFSTIASSYEEECRA
 ESVGLYLCLHPQVLEIFGFEGADAEDVIYVNWLNLMVRAGLLALEFYTPEAFNWRQAH
 MQARFVILRVLLEAGEGLVTITPTTGSDGRPDARVRLDRSKIRSVGKPALERFLRRLQ
 VLKSTGDVAGGRALYEGYATVTDAPPECFLTLRDTVLLRKEKSRKLIVQPNTLRLEGSD
 VQLLEYEASAAGLIRSFSEFPEDGPELEEILTQLATADARFWKGPSEAPSGQATRT
 RPLEQKLISEEDLAANDILDYKDDDDKV

Molecular Mass	82.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Note	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Shipping	Dry Ice

GENE INFORMATION

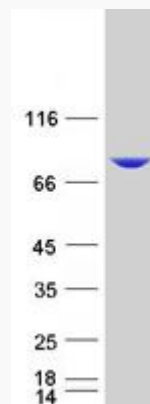
Gene ID	10072
Gene Name	DPP3 dipeptidyl-peptidase 3 [Homo sapiens (human)]

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Official Symbol	10072
Synonyms	DPP3; dipeptidyl-peptidase 3; dipeptidylpeptidase 3, dipeptidylpeptidase III; dipeptidyl peptidase 3; DPP III; dipeptidyl peptidase III; dipeptidyl arylamidase III; dipeptidyl aminopeptidase III; DPPIII; FLJ11387; FLJ22331;
mRNA Refseq	NM_005700
Official Symbol 2	DPP3
Gene ID 2	10072
Gene Name 2	DPP3 dipeptidyl-peptidase 3 [Homo sapiens (human)]
mRNA Refseq 2	NM_005700
Protein Refseq 2	NP_005691
MIM 2	606818
UniProt ID 2	Q9NY33

SDS-PAGE


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